



# MDOT Major Projects Briefing

House Environment & Transportation  
Committee

January 24, 2024



# Red Line

- **Relaunched in June 2023 by Governor Wes Moore, the Red Line will address a major gap in east-west transit service in the Baltimore region.**
- **Status:**
  - The MTA is building upon the previously completed technical work and community engagement.
  - Actively working with partners, stakeholders, and the public to develop six (6) Preliminary Alternatives.
  - Updates to environmental documentation is ongoing.
- **Key Next Steps:**
  - Mode announcement anticipated in Spring 2024.



# Purple Line

- **The Purple Line is a 16-mile light rail line to provide reliable and rapid east-west travel in Montgomery and Prince George's Counties.**
  - The project currently supports more than 6,000 jobs with more than 1,100 workers at 60 active construction sites.
  - Expected to take 17,000 cars off the road daily.
- **Status:**
  - Underground utility relocations are 98% complete and the project is over 60% complete.
  - 11 of 21 stations are currently under construction.
- **Key Next Steps:**
  - First light rail vehicles are scheduled to arrive this year.



# Southern Maryland Rapid Transit

- **Rapid transit planning study along 19-mile MD 5/US 301 corridor in Prince George's and Charles Counties.**
- **Status:**
  - Funding comprised of \$5 million of congressionally directed spending received in 2022, plus \$5 million State match, and an additional \$10 million from Governor and General Assembly
  - Coordinating closely with Counties on Framework Agreement.
  - MTA, County staff, and FTA recently conducted a kickoff meeting to discuss the NEPA process.



# Frederick Douglass Tunnel

- **Centerpiece of Amtrak's B&P Tunnel replacement program.**
  - Nearly 150 years old and the most significant point of failure for MARC Penn Line and Northeast Corridor.
- **Status:**
  - MTA and Amtrak executed a MOU in January 2023.
  - Amtrak has selected two of three major construction contractors.
  - New West Baltimore MARC Station is part of the tunnel replacement program.
- **Key Next Steps:**
  - Amtrak and MTA are coordinating on public outreach for the program, including enhanced outreach to the local impacted communities and elected officials.
  - MTA and Amtrak are continuing preparation of a definitive agreement.



# Zero Emission Bus Transition

- **Status:**

- MTA contracted for its first seven (7) ZEBs in 2022; they arrived in 2023 and are anticipated to begin revenue service in the near future.
- Electric Vehicle Supply Equipment and power upgrades have been completed at MTA's Kirk Bus Division.
- MTA will retain its current workforce throughout the transition to a ZEB fleet through a training and retraining program.
- Fleet transition challenges include global supply chain constraints.

- **Key Next Steps:**

- In 2024, MTA anticipates the award of an all battery electric bus (BEB) contract for up to 350 buses to be delivered between 2025-2030 as well as the award of a contract for additional EVSE and charge management services for approximately 270 BEBs (subject to BPW approval).



# American Legion Bridge

## I-495/I-270 Program

- **In Summer 2023, the Program was realigned based on a multimodal approach that includes transit and ridesharing, TOD, bicycle and pedestrian connections, along with the replacement of the ALB and a phased-approach to managed lanes.**
  - Includes a study of I-270, North of the ICC to evaluate multimodal opportunities.
  - Ensure public engagement in all phases of program development.
- **Status:**
  - Pursuing federal grant opportunities.
  - Exploring other public funding opportunities to support projects under the program.
  - Continue public engagement.
  - Identifying near term, mid-term, and long-term solutions to address congestion along the corridor.



# SHA D&E Program

## Key Development & Evaluation Program efforts state-wide include:

- MD 90 Corridor
- US 15 Corridor Improvements
- I-81 Corridor Improvements
- I-795 Interchange at Dolfield Boulevard
- I-495/Medical Center Drive Interchange
- MD 97 Montgomery Hills
- MD 5 Great Mills Corridor Improvements
- US 219 Corridor Improvements, Old Salisbury to PA Line
- US 220 Cresaptown
- I-97 TSMO / Corridor Improvements
- I-70 TSMO / Corridor Improvements
- MD 4 Thomas Johnson Bridge
- MD 6 Streetscape, La Plata
- MD 210 Corridor
- MD 197 Corridor Improvements, Bowie



# Vision Zero

**The overall goal of Maryland's highway safety efforts is to eliminate fatalities and serious injuries by 2030.**

## **MVA Efforts**

- Maryland Highway Safety Office
- Strategic Highway Safety Plan
- Crash Data Dashboard

## **SHA Engineering & Infrastructure Strategies**

- Pedestrian Safety Action Plan (PSAP)
- Vulnerable Road User (VRU) Assessment
- Context Driven Guide
- Context Driven Toolkit



# Howard Street Tunnel

- **The State continues to work with CSX to advance the project which includes vertical clearance improvements at 22 locations between Baltimore and Philadelphia in order to create a double-stack corridor to/from the Port of Baltimore on CSX's rail network.**
- **Status:**
  - The project has been grouped into ten packages for design and construction.
  - Construction status as of January 2024:
    - 3 packages are complete (all in PA)
    - 3 more are under construction (one each in PA, DE and MD)
    - The remaining 4 packages (all in MD) are expected to begin construction in 2024.
- **Key Next Steps:**
  - CSX expects to complete all construction in the spring 2027.



# Chesapeake Bay Bridge

- **Eastbound Redecking Project:** The deck replacement in the deck truss spans is the first phase in a series of projects during the next several decades to maintain safe and working order conditions for the 71-year-old span.
- **Automated Lane Closure System:** Enhances the former manual system for motorists by allowing maintenance crews to remotely implement and discontinue two-way traffic on the Bay Bridge's Eastern and Western Shores.
- **Bay Crossing Tier 2 Study:** Evaluating alternatives for the Selected Corridor Alternative which is two miles wide and runs 22 miles from east of the Severn River Bridge in Anne Arundel County to the U.S. 50/U.S. 301 split in Queen Anne's County.



**Thank You!**